

**RURAL DISTRICT COUNCIL
OF BASFORD.**

**ANNUAL
REPORT**

for
1946.

J. S. DRUMMOND,
M.P., C.B.D., D.P.H.

Medical Officer of Health.

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RURAL DISTRICT COUNCIL OF BASFORD.

YEAR 1946.

Chairman ... J. T. WALTERS, ESQ., J.P.
Vice-Chairman ... J. W. TAYLOR, Esq.

<i>Parishes.</i>	<i>Councillors.</i>	<i>Parishes.</i>	<i>Councillors.</i>
Annesley & Felley	- Mr. K. Varnam (1)	Nuthall	- Mr. E. V. Lane, J.P. (10)
Awsorth	- Mr. J. F. Aram (3)	Papplewick	- Mr. G. T. Simpson (15)
Barton	- Mr. H. Plowright (11)	Ratcliffe-upon-Soar	Mr. E. Beeby (13)
Bestwood Park	- Mr. J. W. Taylor (11)	Rempstone	- Mr. G. Gibson (13)
Bradmore	- Mr. I. Voce (16)	Ruddington	- Mr. G. H. Wright (1)
Brinsley	- Mr. J. T. Walters, J.P. (25)	"	Mr. F. W. Sellors, J.P. (9)
Bunny	- Mr. H. A. Ives (4)	Selston	- Mrs. H. Flintoff (6)
Burton Joyce	Mr. J. C. Woodsend (11)	"	Mr. F. Pendleton (12)
Calverton	- Mr. C. E. Collyer, J.P. (3)	"	- Mr. F. Barker (10)
Clifton	- Mr. F. Beeby (20)	"	- Mr. F. Cooke, J.P. (1)
Cossall	- Mr. R. W. Wilson (10)	Stanford-upon-Soar	Mr. J. H. Redfern (2)
Costock	- Mr. T. H. Chadfield (19)	Stoke Bardolph	Mr. A. R. Stone (5)
East Leake	- Mr. S. A. Crosland (2)	Strelley	- Mr. W. Moore (28)
Gotham	- Mr. H. Tomlinson, J.P. (31)	Sutton Bonington	Mr. A. E. M. Shepherd, J.P. (13)
Greasley	- Mr. H. Lindley (16)	Thrumpton	- Mr. A. Small (1)
"	Mr. W. F. Barber (14)	Trowell	- Mr. A. H. Haynes (6)
Kimberley	- Mr. T. Garner (7)	West Leake	- Mr. J. F. Barton (9)
"	Mrs. J. Hill (1)	Willoughby-on-the-Wolds	- Vacant
Kingston-upon-Soar	Mr. R. H. Woodfield (6)	Woodborough	- Mr. A. E. Foster, J.P. (13)
Lambley	- Rev. H. W. Pearson (31)	Wysall and Thorpe-in-the-Glebe	" Rev. V. H. Beaton (2)
Linby	- Mr. J. W. Brocklehurst (5)		
Newstead	- Mr. T. W. Scothorne (8)		
Normanton-upon-Soar	Mr. W. Evans (13)		

The number in parenthesis after each name represents number of years service.

Public Health Officers of the Local Authority.

Medical Officer of Health and ... J. S. DRUMMOND, M.B., Ch.B., D.P.H.
Medical Superintendent of
the Isolation Hospital.

Medical Attendant at Isolation ... CHAS. E. HILL, M.B., Ch.B. (Edin.).
Hospital.

Matron of Isolation Hospital ... Miss C. BEARD.

Senior Sanitary Inspector, ... V. V. YATES (a), (d).
Cleansing Superintendent,
Petroleum Inspector and
Canal Boats Inspector.

Sanitary Inspectors, Cleansing ... B. P. GARROD (b), (c).
Superintendents, Petroleum T. ALLWOOD (b), (c)
Inspectors, and Canal Boats
Inspectors.

Additional Sanitary Inspector ... A. C. E. PALMER (b).

~~Chief~~ Clerk ... { JOHN DARBY (Returned from H.M. Forces
1.4.46)
Miss B. M. WRIGHT (Resigned 12.10.46).

Junior Clerk ... { F. E. NAYLOR (Returned from H.M.
Forces 8.7.46)
Miss H. J. WOODCOCK (Transferred to
Clerk's Department 15.7.46)

Assistant Rodent Officer ... J. L. SPRAY

- (a) Certificate of the Royal Sanitary Institute for Sanitary Inspectors.
(b) " " " " " " " and Sanitary Inspectors Examination
Joint Board.
(c) " " " " " " " for Meat Inspectors.
(d) Testamur of the Institute of Public Cleansing.

ANNUAL REPORT

To the Rural District Council of Basford

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my eleventh Annual Report on the sanitary circumstances, health and vital statistics of your District throughout the year 1946.

The Report is again an Ordinary Report, and is written in conformity with the suggestions contained in the Ministry of Health Circular No. 13/1947, dated 13th March, 1947, dealing with Annual Reports. Owing to the prevailing conditions and in the interests of economy, the report has been abbreviated. The essential statistics necessary for maintaining continuity of records have been preserved.

The year under review is the first complete year of peace and although all the high hopes, which the cessation of hostilities brought, were not entirely fulfilled yet the year 1946 must be written down as a year of awakening and advance. In the field of hygiene and sanitation the quickening of the momentum was evident in the increasing number of houses under repair, small sewer extensions and the improvement in sanitary accommodation at rural cottages and the extension of the public cleansing service. The rural housing survey progressed during the year and showed that the years of inactivity brought about by the war had taken toll of many neglected dwellings. The replacing of these unhealthy dwellings together with the urgent need for houses presents the biggest problem facing rural authorities today. Toward the close of the year a growing scarcity of building materials was evident and presented a very real and serious threat to housing progress. One of the most important factors in the maintenance of a satisfactory rural community is good housing, and a satisfactory rural population is essential to the national economy. Therefore I would urge the Ministry of Health to permit rural authorities to proceed with the removal of unfit houses by demolition and clearance.

I desire to thank my colleagues in the other departments for their advice and expert opinion which has proved so valuable during the year, and to the Council for its ever ready assistance and untiring interest in the work of the Health Department. To all the members of the Public Health Staff I record and tender my gratitude.

I am indebted to Dr. A. C. Tibbits, County Medical Officer of Health, Mr. J. J. G. Ellis, Engineer, Surveyor and Housing Architect, and Mr. G. T. Belton, Rating and Valuation Officer, for information and assistance in compiling the statistics in the preparation of this report.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

During the year the area remained as constituted on 1st April, 1935, when the Nottinghamshire County Review Order, 1934, came into force.

Area	...	...	...	...	...	...	...	71,571 acres
POPULATION :—Estimated by Registrar-General	...							46,068
Number of Inhabited Houses (April 1st, 1946)	...							13,462
Rateable Value (1st January, 1946)	...	...						£235,227
	(31st December, 1946)	...	...					£237,528
Product of Penny Rate (31st March, 1945)	...	...						£903
	(31st March, 1946)	...	...					£926

The following table compares various Rates in your area with those of England and Wales and selected groups of towns. —
 BIRTH-RATES, DEATH-RATES and ANALYSIS of MORTALITY } { England and Wales, 126 County Boroughs and Great
 in the year, 1946. } Towns, and 148 Smaller Towns.
(Provisional Figures based on Weekly and Quarterly Returns).

	RATE PER 1,000 POPULATION.		ANNUAL DEATH-RATE PER 1,000 POPULATION.								RATE PER 1,000 LIVE BIRTHS.	
	Live Births.	Still-births.	All Causes.	Typhoid and Paratyphoid Fevers.	Small-pox	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Diarrhoea and Enteritis (under Two years).	Total Deaths under One year
—												
England and Wales	19.1	0.53	11.5	—	—	0.00	—	0.02	0.01	0.15	4.4	43
126 County Boroughs and Great Towns, including London ...	22.2	0.67	12.7	—	—	0.01	—	0.02	0.01	0.13	6.1	46
148 Smaller Towns (estimated Resident Populations 25,000 to 50,000 at Census 1931) ...	21.3	0.59	11.7	—	—	0.00	—	0.02	0.01	0.14	2.8	37
London	21.5	0.54	12.7	—	—	0.01	—	0.02	0.01	0.12	4.2	41
Basford	20.45	0.80	10.63	—	—	—	—	0.02	—	0.30	0.0	36.04

EXTRACTS FROM VITAL STATISTICS OF 1946.

Births.

LIVE BIRTHS.				Total.	Male.	Female.
Legitimate	...	...	...	894	444	450
Illegitimate	...	...	...	47	23	24
				<hr/>	<hr/>	<hr/>
				941	467	474

Birth Rate, per 1,000 population, 1946 ... 20.45

STILL BIRTHS.				Total.	Male.	Female.
Legitimate	...	...	...	36	14	22
Illegitimate	...	...	...	1	1	—
				<hr/>	<hr/>	<hr/>
				37	15	22

Rate per 1,000 population, 1946 ... 0.80

Rate per 1,000 total (live and still) births, 1946 ... 21.26

				Total.	Male.	Female.
Deaths	...	...	...	489	268	221

Death Rate per 1,000 population, 1946 ... 10.63

Natural increase of population (excess of births over deaths) ... 452

Deaths from puerperal causes :						Rate per 1,000 total births	
Puerperal Sepsis	...	...	...	...	—	...	0.00
Other puerperal causes	...	...	...	...	2	...	2.12

INFANT MORTALITY.

Deaths of Infants under One year of age.

				Total.	Male.	Female.
Legitimate	...	...	...	30	20	10
Illegitimate	...	...	...	4	3	1
				<hr/>	<hr/>	<hr/>
Total...	...	...	...	34	23	11

Infant Mortality Rates (i.e. Deaths of Infants under one year per 1,000 live births) ;

Legitimate only ... 33.60

Illegitimate only ... 85.2

General ... 36.04

The corresponding rate for England and Wales is 43.

DEATHS FROM CERTAIN SELECTED CAUSES.

						Deaths No.
Measles	...	...	...	...	...	<hr/>
Whooping Cough	...	...	...	...	...	1
Diphtheria	...	...	...	...	...	<hr/>
Influenza	...	...	...	...	...	14
Violence	...	...	...	...	...	18
Diarrhoea (under 2 years)	...	...	...	...	...	<hr/>
Tuberculosis of Respiratory system	...	...	...	...	...	14
Tuberculosis (other forms)	...	...	...	...	...	5
Cancer	...	...	...	...	...	78

The annual variations of the Birth and Death Rates in the District are shown in the following table :—

				Birth Rate	Death Rate.	Infant Mort. Rate.
BASFORD	...	1932	...	16.4	10.07	68.97
		1933	...	14.28	11.4	66.03
		1934	...	14.18	11.4	37.37
		1935	...	16.08	11.08	41.85
		1936	...	15.03	11.9	47.54
		Average for 5 years	...	15.19	11.17	52.35
		1937	...	16.35	10.50	57.47
		1938	...	16.00	10.79	36.43
		1939	...	17.15	11.69	56.50
		1940	...	15.24	12.04	50.43
		1941	...	16.53	11.73	50.13
		Average for 5 years	...	16.25	11.35	50.19
		1942	...	18.84	10.66	50.69
		1943	...	19.21	11.36	49.64
		1944	...	20.99	11.68	42.39
		1945	...	20.15	11.15	30.44
		1946	...	20.45	10.63	36.04
		Average for 5 years	...	19.93	11.09	41.84

Comparative figures for England and Wales read as follows :--

England & Wales	1932	...	15.3	...	12.0	...	65
	1933	...	14.4	...	12.3	...	64
	1934	...	14.8	...	11.8	...	59
	1935	...	14.7	...	11.7	...	57
	1936	...	14.8	...	12.1	...	59
	1937	...	14.9	...	12.4	...	58
	1938	...	15.1	...	11.6	...	53
	1939	...	15.0	...	12.1	...	50
	1940	...	14.6	...	14.3	...	55
	1941	...	14.2	...	12.9	...	59
	1942	...	15.8	...	11.6	...	49
	1943	...	16.5	...	12.1	...	49
	1944	...	17.6	...	11.6	...	46
	1945	...	16.1	...	11.4	...	46
	1946	...	19.1	...	11.5	...	43

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Public Health Officers of the Authority.

A list giving their names and duties appears at the commencement of this Report.

Laboratory Facilities.

The number of types of specimens dealt with by the County Laboratories was as follows :

				No. submitted.	No. positive.	No. negative.
Throat swabs for Diphtheria	..			252	24	258
Sputa	...	...	...	30	6	24
Widal	...	...	...	2	—	2
Fæces	...	...	...	6	1	5
Other	...	...	...	4	2	2

Ambulance Facilities.

An arrangement for the transport of emergency cases was made during 1935, with the Nottingham Corps of the St. John Ambulance Brigade, and is in operation.

The following is the record of service rendered by this Ambulance Service in the District during 1946 :—

Total cases removed	...	59
Accidents	... ..	11
Maternity	... ..	18
Public Assistance	... ..	4
Treatments	... ..	25
Surgical cases	... ..	1

The record of service of the Ruddington Corps of the St. John Ambulance Brigade is as follows :—

Total cases removed	...	404
Accidents	... ..	57
Maternity	... ..	31
Public Assistance	... ..	54
Treatments	... ..	78
Surgical cases	... ..	102
Conveyed from hospital after treatment	... ..	82

The record of service of the Nuthall Corps of the St. John Ambulance Brigade is as follows :—

Total cases removed	...	305
Emergency	... ..	128
Accidents	... ..	12
Illness	... ..	120
Maternity	... ..	45

In addition to this Ambulance Service there is an Infectious Diseases Ambulance stationed at the Basford Sanatorium.

The work performed by the Infectious Diseases Ambulance during 1946, is as follows :—

Total cases removed	... ..	100
Cases from Basford Rural District	...	93
Cases from other Local Authorities	...	7

These ambulances are supplemented by the ambulances of the Colliery Companies which are reserved for the transport of victims of Colliery accidents. Poor Law Cases are removed in the Poor Law Ambulances of the Nottinghamshire County Council.

Insulin.

Under the provisions of Section 177 of the Public Health Act, 1936, and the Ministry of Health Circular 2634 of 1943, 12,000 units of Insulin were supplied free of charge to a diabetic person resident in your district.

Nursing in the Home.

The general nursing of the sick in their houses is undertaken by district nurses provided by voluntary organisations. This Council does not pay or subsidise these nurses or associations. These nurses do not undertake the home nursing of notifiable infectious disease as provision for the treatment of these cases has been made at the Infectious Diseases Hospital of this Council.

Midwives.

No. practising and residing in the Basford Rural District during 1946	... ..	24
No residing outside the Basford Rural District	... ..	7

Hospitals.

The facilities in the District remain the same as in 1945. Facilities are offered at your own Infectious Hospital for the isolation and treatment of all cases of scarlet fever, diphtheria and enteric fever occurring in the District, and agreements exist with most of the surrounding Districts for the reception of cases of these diseases, when accommodation is available.

One hundred and twenty-five cases were admitted into your Infectious Hospital during 1946, as compared with 218 last year, and 223, 245, 237, 318 and 277 in the preceding five years. These were made up as follows :—

	From Basford District.	From Outside Districts.	Totals.
Scarlet Fever	64	23	87
Diphtheria	21	6	27
Cerebro-Spinal Meningitis ...	2	—	2
Dysentery	3	—	3
Measles	1	1	2
Whooping Cough	1	—	1
Enteric Fever	—	2	2
Infantile Paralysis	1	—	1
	<u>93</u>	<u>32</u>	<u>125</u>

The number of cases admitted into hospital from outside areas emphasizes the service being rendered by your hospital to your neighbours.

The various parishes from which the Basford cases came are set out in Table 6.

The distribution of the outside cases was as follows :—

	Scarlet Fever.	Diphtheria.	Measles.	Enteric Fever.
Basford Institution ...	—	2	—	—
Beeston	12	1	—	1
Bingham	1	1	—	—
Carlton	4	—	—	1
Eastwood	1	1	1	—
Hucknall	1	—	—	—
Kirkby-in-Ashfield ...	1	—	—	—
Sutton-in-Ashfield ...	2	—	—	—
West Bridgford ...	1	1	—	—
	<u>23</u>	<u>6</u>	<u>1</u>	<u>2</u>

The monthly admissions are indicated in the following table: —

	BASFORD							OUTSIDE				TOTALS							
	Scarlet Fever	Diphtheria	Cerebro-Spinal Meningitis	Dysentery	Measles	Whooping Cough	Infantile Paralysis	Scarlet Fever	Diphtheria	Measles	Enteric Fever	Scarlet Fever	Diphtheria	Cerebro-Spinal Meningitis	Dysentery	Measles	Whooping Cough	Enteric Fever	Infantile Paralysis
January	15	-	1	-	-	-	-	1	2	-	-	16	2	1	-	-	-	-	-
February	6	4	-	-	-	-	-	5	1	-	-	11	5	-	-	-	-	-	-
March	4	1	-	-	-	-	-	7	1	-	-	11	2	-	-	-	-	-	-
April	6	4	-	2	-	-	-	1	-	-	-	7	4	-	2	-	-	-	-
May	8	-	-	1	-	1	-	4	-	-	-	12	-	-	1	-	1	-	-
June	6	2	-	-	-	-	-	3	-	-	-	9	2	-	-	-	-	-	-
July	6	1	-	-	-	-	-	-	-	-	-	6	1	-	-	-	-	-	-
August	5	2	1	-	-	-	1	1	-	-	-	6	2	1	-	-	-	-	1
September	1	1	-	-	-	-	-	-	-	-	2	1	1	-	-	-	-	2	-
October	4	1	-	-	1	1	-	-	-	-	-	4	1	-	-	1	-	-	-
November	2	2	-	-	-	-	-	1	2	-	-	3	4	-	-	-	-	-	-
December	1	3	-	-	-	-	-	-	-	1	-	1	3	-	-	1	-	-	-
	64	21	2	3	1	1	1	23	6	1	2	87	27	2	3	2	1	2	1

Deaths in Sanatorium.

Nil.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

During the year 6 samples of water were submitted for Chemical and Bacteriological analysis, and the results of these analyses are as follows :—

Parish.	Source.	Chemical.	Bacteriological.	Action taken.
1. Sutton Bonington ...	Well ...	Unsatisfactory ...	Unsatisfactory ...	Main water supply provided.
2. Willoughby-on-the Wolds	„ ...	„ ...	„ ...	Well cleaned out.
3. Kingston-on-Soar ...	„ ...	„ ...	„ ...	„ „
4. Sutton Bonington ...	„ ...	„ ...	„ ...	„ „
5. Selston ...	„ ...	„ ...	„ ...	Main water installed.
6. Newstead ...	„ ...	Satisfactory	Satisfactory	—

There are 39 parishes in the District and of these, 8 parishes, viz., Costock, Kingston-on-Soar, Ratcliffe-on-Soar, Rempstone, West Leake, Wysall, Thorpe-in-the-Glebe and Willoughby-on-the-Wolds, have not a main water supply and depend entirely upon shallow wells. At Costock, Rempstone and Willoughby-on-the-Wolds, the water supply is most inadequate and at Wysall, although water is abundant, some of the wells are contaminated. In all 870 houses are dependent on wells.

In the parishes with a piped water supply the Nottingham Corporation supplies 26 parishes. Loughborough Corporation supplies 4 parishes, and the remaining parish is supplied in part by the

Nottingham Corporation and private water suppliers. In all of these parishes the water supply was adequate in quantity and satisfactory in quality throughout the year. There are 12,592 houses supplied with piped water supply and except for the 169 houses supplied by stand-pipes all have water supplied by a tap over the sink. The following table shows the distribution throughout the District of the houses supplied by stand-pipes.

Parish.		No. of stand-pipes.		No. of houses.
Awsworth	...	3	...	5
Burton Joyce	...	4	...	7
Calverton	...	4	...	13
Cossall	...	2	...	5
Greasley	...	4	...	6
Kimberley	...	5	...	25
Nuthall	...	2	...	6
Selston	...	60	...	62
Strelley	...	1	...	1
Sutton Bonington	...	1	...	8
Trowell	...	4	...	25
Woodborough	...	3	...	6
		—		—
		93		169
		==		==

The eight parishes which have not piped water supplies have been included in the Nottingham Corporation Act, 1938, and the Minister of Health has approved a scheme for these parishes with the exception of Willoughby-on-the-Wolds.

There have been no extensions to mains or other water supplies during the year.

Flooding of Houses.

During the period 9th to 11th February, 1946, a rapid and abnormal rise in the level of the Rivers Trent and Soar resulted in widespread floods in the Parishes through which these rivers normally flow. The extent of the involvement of houses, farms, schools and roads was as follows :—

Parish.		No. of Premises.		Remarks.
Barton-in-Fabis	...	55	...	Very severe flooding.
Bunny	...	—	...	Road flooding only.
Burton Joyce	...	17	...	Considerable road flooding.
East Leake	...	1	...	Costock Road flooded.
Normanton-on-Soar	...	—	...	Road flooding only.
Ratcliffe-on-Soar	...	8	...	Road flooding severe.
Stanford-on-Soar	...	—	...	Road flooding severe.
Stoke Bardolph	...	—	...	Road flooding severe.
Sutton Bonington	...	—	...	Road flooding in parts.
Thrumpton	...	4	...	Only bottom end of village affected.

Disinfectant, soap and coal were distributed to the affected houses. Where necessary, the tenants were advised to boil all water used for household purposes.

Sewerage and Sewage Disposal.

At the end of the year the sewer extension in the Parish of East Leake was proceeding.

Sewerage schemes for the parishes of Bestwood Park and Trowell were submitted to the Minister of Health for approval.

Rivers and Streams.

The Nottinghamshire County Council carry out the duties under the Rivers, Prevention of Pollution Acts, and for this purpose retain the services of a special Rivers Inspector.

Supplied by the courtesy of the County Medical Officer of Health.

RESULTS OF THE ANALYSES OF SAMPLES OF FINAL EFFLUENTS TAKEN FROM THE SEWAGE DISPOSAL WORKS OF THE BASFORD RURAL DISTRICT COUNCIL DURING THE YEAR 1946.

Date. 1946.		Sewage Disposal Works.			Oxygen absorbed in four hours.			Nitrates.		County Council Classification	
					Results in parts per 100,000.						
May	29	...	Annesley	...	...	1.70	...	1.00	...	Unsatisfactory	
Aug.	13	...	"	...	...	1.08	...	2.00	...	Fair	
Feb.	7	...	Awsworth	...	...	0.58	...	2.00	...	Good	
May	2	...	"	...	...	1.36	...	2.00	...	Fair	
Aug.	21	...	"	...	...	1.16	...	2.00	...	"	
Dec.	2	...	"	...	...	0.78	...	2.00	...	Good	
April	11	...	Brinsley Gin...	...	...	2.76	...	2.00	...	Bad	
Oct.	28	...	"	...	...	2.42	...	2.00	...	"	
Mar.	18	...	East Leake	...	...	0.64	...	2.00	...	Good	
July	25	...	"	...	...	0.64	...	2.00	...	"	
Oct.	24	...	"	...	...	0.52	...	2.00	...	"	
Mar.	18	...	Gotham	...	...	0.32	...	2.00	...	"	
July	25	...	"	...	...	0.34	...	2.00	...	"	
Oct.	24	...	"	...	...	0.26	...	2.00	...	"	
Feb.	7	...	Kimberley	...	...	0.64	...	2.00	...	"	
May	2	...	"	...	...	2.06	...	2.00	...	Bad	
Aug.	21	...	"	...	...	0.86	...	2.00	...	Good	
Dec.	2	...	"	...	...	0.42	...	2.00	...	"	
May	29	...	Newstead	...	...	1.64	...	1.00	...	Unsatisfactory	
Nov.	4	...	"	...	...	0.98	...	2.00	...	Good	
Jan.	28	...	Ruddington	...	...	0.76	...	2.00	...	"	
April	10	...	"	...	...	1.08	...	2.00	...	Fair	
July	10	...	"	...	...	1.26	...	2.00	...	"	
Sept.	25	...	"	...	...	0.82	...	2.00	...	Good	
Oct.	28	...	Selston—Bagthorpe	...	...	1.04	...	2.00	...	Fair	
April	11	...	"	Beaufit Lane	...	2.12	...	2.00	...	Bad	
Oct.	28	...	"	"	...	1.56	...	2.00	...	Unsatisfactory	
April	11	...	"	Jubilee	...	1.08	...	2.00	...	Fair	
Oct.	28	...	"	"	...	0.70	...	2.00	...	Good	
April	11	...	"	Underwood	...	1.78	...	2.00	...	Unsatisfactory	
Oct.	28	...	"	"	...	1.36	...	2.00	...	Fair	
Mar.	18	...	Sutton Bonington	...	...	1.08	...	2.00	...	"	
July	25	...	"	"	...	2.72	...	2.00	...	Bad	
Oct.	24	...	"	"	...	1.06	...	1.00	...	Fair	
Aug.	21	...	Newthorpe (Joint Works)			...	1.30	...	1.00	...	Fair

SUMMARY :—

Satisfactory Effluents	{ Good Effluents	...	...	15	25
	{ Fair Effluents	...	...	10	
Unsatisfactory Effluents	{ Unsatisfactory Effluents	...	...	4	9
	{ Bad Effluents	...	...	5	
Total				34	

Rats and Mice Destruction Act, 1919.

Infestation Order, 1943. S.R. & O. 680.

The following is a summary of the work performed during the year 1946 :-

			Private Dwellings.	Business Premises.	Local Authority Premises.	Total.
No. of complaints	...	...	73	18	25	116
" „ surveys	...	...	53	17	29	99
" „ visits	...	...	559	127	258	944
" „ baits	...	...	1,715	1,342	5,669	8,726
" „ poison baits	...	...	392	333	1,424	2,149
" „ dead rats	...	...	171	47	459	677
" „ estimated kill	...	...	896	452	2,988	4,336
" „ re-inspections	...	...	21	19	27	67

Public Cleansing and Salvage.

The Cleansing throughout the Council's area is carried out by the Council's own staff.

The Basford Rural District comprises 39 Parishes with 13,462 houses and 46,522 population. At the beginning of the year, a population of 43,221 was having a full weekly collection of refuse, and the remainder a partial collection.

Collection. (Depots and Motor Vehicles).

Depots are situated at Selston, Nuthall and Ruddington, the one at Selston, together with a house occupied by the foreman, stands on 36 acres of land, all owned by the Council. The remaining depots are rented.

Seven motor refuse collection vehicles are in use (six Bedfords and one Karrier Bantam). A 30 cwt. Bedford lorry is also in use.

Dustbin trucks are supplied to each vehicle and are found to be an advantage in the colliery districts, where the contents of the bins are very heavy, but in the residential and agricultural districts the workmen can and still prefer to shoulder the bins out.

Arrangements for Storage of Household Refuse.

No. of houses supplied with moveable receptacles (dustbins). 11,380

No. of houses supplied with fixed receptacles (dry ashpits,
privy middens, and closet pails) 2,082

During 1946 the closet accommodation at 55 houses was converted from privy middens or pail closets to water-closets and dustbins.

Disposal.

Refuse is disposed of by controlled tipping on the undermentioned tips :—

<i>Parish.</i>	<i>Situation of Tip.</i>	
Annesley	... Annesley Lane	} Loaned free of charge to the Council.
"	... Byron Road, Annesley	
Selston	... Sandhole, Underwood	
"	... Main Road, Jacksdale	} The property of the Council.
East Leake	... Rempstone Road, East Leake	
Cossall	... Adjoining sewage works, Ilkeston Junction	
Kimberley	... The Green	} Rented by the Council.
Bestwood	... Moor Lane	
Burton Joyce	... Crifftin Road	

Salvage.

The staff and equipment employed on Salvage at the end of the year were as follows :—

2 Workpeople (part time).

1 Lorry (").

3 Trailers (30 cwt.) (attached to Three Refuse Collectors).

Also each lorry carries a sufficient number of bags to hold waste paper collected.

Three Paper Baling Presses (hand operated) are in use, one at each Depot.

Salvaged material sold to the 31st December, 1946, was :—

	<i>Tons.</i>	<i>Cwts.</i>	
Waste Paper ...	111	10	
Ferrous Metals ...	12	11 $\frac{1}{4}$	
Non-Ferrous Metals ...	—	3 $\frac{3}{4}$	
Rags ...	7	13 $\frac{3}{4}$	
Rubber ...	—	—	
Bones ...	3	13 $\frac{3}{4}$	
Kitchen Waste ...	6	—	
Bottles and Jars ...	1	1 $\frac{1}{4}$	
Manure ...	—	—	
	<u>142</u>	<u>13$\frac{3}{4}$</u>	Income £862 17s. 5d.

In addition the following was collected and disposed of by voluntary and industrial organisations :—

5 tons 16 cwts. ... Paper

Workmen.

All the workmen are supplied with sets of overalls.

Dustbins.

Owing to the number of sanitary dustbins which became unusable, application was made to the Ministry of Health for Form M authorising the use of the necessary steel, and 656 sanitary dustbins were supplied to replace bins which became unfit for use.

Sanitary Inspection of the Area.

The Sanitary Officers Order, 1935, requires the Sanitary Inspectors, as soon as practicable after the 31st December in each year to furnish the Medical Officer of Health with reports upon their work during the year. These are reproduced herewith.

Sanitary Inspectors : Messrs. Yates, Allwood, and Garrod.

Preliminary Notices served	...	...	...	...	2,154
Premises inspected and re-inspected	...	...	...	...	11,301
Complaints received and investigated	...	...	...	...	379
Personal interviews with owners and agents	...	...	...	...	1,371
Samples of water taken for analysis	...	...	...	...	6
Number of inspections made in connection with	...	...	...	...	...
Public Cleansing	...	...	...	...	3,631

The following are the principal matters dealt with :—

Orders served to reconstruct, repair or cleanse drains	...	...	...	...	172
„ „ „ repair sinks and waste-pipes	...	...	...	...	85
„ „ „ provide or repair yard paving	...	...	...	...	62
„ „ „ repair roofs and remedy dampness	...	...	...	...	691
„ „ „ repair water closets or flushing cisterns	...	...	...	...	280
„ „ „ provide proper sinks and waste pipes	...	...	...	...	76
„ „ „ repair or provide eaves and fall pipes	...	...	...	...	242
„ „ „ repair and cleanse cesspools	...	...	...	...	78
„ „ „ repair external walls	...	...	...	...	231
„ „ „ repair or provide washing boilers	...	...	...	...	122
„ „ „ repair house windows and doors	...	...	...	...	313
„ „ „ renew or repair fire-ranges	...	...	...	...	355
„ „ „ repair chimney stacks	...	...	...	...	71
„ „ „ repair internal walls or ceilings	...	...	...	...	353
„ „ „ convert privies or pails into water closets	...	...	...	...	55
„ „ „ renew sanitary pans	...	...	...	...	36
„ „ „ provide internal water supplies	...	...	...	...	51
„ „ „ repair defective house floors	...	...	...	...	269
„ „ „ remedy damp walls	...	...	...	...	140
„ „ „ repair staircases, provide handrails, etc.	...	...	...	...	27
„ „ „ provide adequate light and ventilation to	...	...	...	...	...
food store	...	...	...	...	3
„ „ „ provide dustbins in lieu of ashpits	...	...	...	...	29
„ „ „ provide and fix chimney pots	...	...	...	...	33
„ „ „ renew dustbins	...	...	...	...	586
„ „ „ repair or provide proper coal store	...	...	...	...	36
„ „ „ miscellaneous	...	...	...	...	111

**PETROLEUM INSPECTORS' ANNUAL REPORT
for 1946.**

TO THE CHAIRMAN AND MEMBERS OF THE
PUBLIC HEALTH COMMITTEE

Gentlemen,

Petroleum Acts, 1871 to 1928.

We beg to submit to you our Annual Report under the above Acts :—

Number of licences issued to store Petroleum during 1946	...	...	...	...	...	85
Number of licences issued to store Carbide of Calcium during 1946	...	...	...	...	...	8
Total storage capacity for Petroleum Spirit						94,400 galls.
Total storage capacity for Carbide of Calcium						9,484 lbs.
Total fees collected	...	...	...	...	...	£58 10s. 0d.

All new underground tanks are subjected to a pressure test of 5 lbs. per square inch before approval

One hundred and ninety three inspections of the licenced premises have been made during the year, and all were found to be kept in accordance with the conditions of the licence.

We are, Gentlemen,

Yours obediently,

V. V. YATES,
B. P. GARROD,
T. ALLWOOD,

Petroleum Inspectors.

TO THE CHAIRMAN AND MEMBERS OF THE
PUBLIC HEALTH COMMITTEE.

Gentlemen,

Annual Report on Canal Boats, 1946.

We beg to submit to you our report under the above for the year ended 31st December, 1946.

Canals and waterways in the Council's area are situate in the Parishes of Awsworth, Barton-in-Fabis, Brinsley, Burton Joyce, Clifton, Cossall, Greasley, Kimberley, Normanton-on-Soar, Stoke Bardolph and Sutton Bonington.

Numberous visits have been made to the canals, towpaths, locks, and river banks, but the number of boats inspected was nil.

It is difficult in this area to contact canal boats which are quickly through the small locks, and unless one happens to be there at the time, the boats are soon out of reach.

We are, Gentlemen,

Yours obediently,

V. V. YATES,
B. P. GARROD,
T. ALLWOOD,
Canal Boats Inspectors.

Shops Act, 1934.

Action was taken during the year under the provisions of the Shops Act, 1934, relating to ventilation and temperature of shops and to sanitary conveniences under the following headings :—

No. of complaints received	...	...	Nil
No. of inspections made	...	...	645

No. of unsatisfactory conditions found :—

(a) Insufficient sanitary conveniences .	Nil
(b) Inadequate heating arrangements .	Nil
(c) Defective or insufficient ventilation	Nil
(d) Other	Nil

No. of unsatisfactory conditions remedied :—

(a) Insufficient sanitary conveniences .	Nil
(b) Inadequate heating arrangements .	Nil
(c) Defective or insufficient ventilation	Nil
(d) Other	Nil

Smoke Abatement.

It has not been necessary to take any statutory action during the year for the abatement of smoke nuisances.

Tents, Vans and Sheds.

1. Number of sites used for camping purposes during 1946 Nil
2. Number of camping sites licensed by Local Authorities under Section 269 of the Public Health Act, 1936 ... Nil
3. Estimated maximum number of campers resident at one time during the summer season 1946 ... Nil

Swimming Baths and Pools.

In the Basford Rural District there are two open-air swimming pools. The water is treated with chloride of lime and the pools are emptied and cleaned weekly.

HOUSING.

A.—STATISTICS

No. of plans for new houses submitted during the year ... 223

Number of houses erected during the year :—

(a) Total (including numbers given separately under (b)	31
(b) With State assistance under the Housing Acts :—	
(1) By the Local Authority	Nil
(2) By other Local Authorities	Nil
(3) By other bodies or persons	1

1.—Inspection of Dwelling-houses during the year :

(1) (a) Total Number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	6,736
(b) Number of inspections made for the purpose	11,301
(2) (a) Number of dwelling-houses (included under sub-heading (1) above), which were inspected and recorded under the Housing Consolidated Regulations, 1936	4,733
(b) Number of inspections made for the purpose	5,374
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1,222
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	3,552

2.—Remedy of Defects during the year without service of formal Notice :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	1,085
--	-------

3.—Action under Statutory Powers during the Year :—

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	32
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By owners	21
(b) By Local Authority in default of owners ...	Nil.

B.—Proceedings under Public Health Acts :—

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	15
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :	
(a)	By owners	9
(b)	By Local Authority in default of owners ...	Nil.

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1)	Number of dwelling-houses in respect of which Demolition Orders were made	Nil
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil
(3)	Number of dwelling houses demolished in pursuance of Clearance Orders	Nil.

D.—Proceedings under Section 12 of the Housing Act, 1936 :

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

4.—Housing Act, 1936.—Part IV.—Overcrowding.

(a)	(1) Number of dwellings overcrowded at the end of the year	97
	(2) Number of families dwelling therein ...	144
	(3) Number of persons dwelling therein ...	789
(b)	Number of new cases of overcrowding reported during the year	Nil
(c)	(1) Number of cases of overcrowding relieved during the year	Nil
	(2) Number of persons concerned in such cases	Nil
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	Nil

Rural Housing Survey.

The following is a summary of the work completed by the end of the year :—

Parish.	Total No. of working class houses		Category				
			1	2	3	4	5
Awsworth	342	39	25	256	—	22
Barton	23	—	—	13	—	10
Bestwood Park	173	—	99	72	—	2
Bradmore	40	4	7	17	—	12
Brinsley	328	38	139	90	—	61
Bunny	128	24	80	17	—	7
Burton Joyce	427	285	27	60	—	55
Calverton	318	85	9	78	—	146
Clifton	37	2	9	18	—	8
Cossall	299	123	—	169	—	7
Costock	77	22	19	22	—	14
East Leake	184	47	62	54	—	21
Gotham	334	63	97	133	—	41
Greasley	813	417	37	231	—	128
Kimberley	1,278	477	189	396	—	216
Kingston-on-Soar	47	5	16	17	—	9
Lambley	216	59	20	69	—	68
Normanton-on-Soar	43	12	17	9	—	5
Nuthall	572	460	19	26	—	67
Ratcliffe-on-Soar	26	—	2	15	—	9
Rempstone	44	6	13	20	—	5
Ruddington	932	345	245	191	—	151
Stanford-on-Soar	22	—	8	14	—	—
Stoke Bardolph	55	5	18	29	—	3
Strelley	21	—	9	3	—	9
Sutton Bonington	213	40	72	67	—	34
Thorpe-in-the-Glebe	3	3	—	—	—	—
Thrumpton	27	—	1	24	—	2
Trowell	369	316	—	36	1	16
West Leake	18	—	3	10	—	5
Willoughby	61	10	4	30	—	17
Woodborough	136	4	5	58	—	69
Wysall	24	6	3	12	—	3
TOTALS	7,630	2,897	1,254	2,256	1	1,222

Bed-bugs :

The control and eradication of bed-bugs is actively undertaken in this district. The methods adopted are as reported in the 1938 report.

The following are particulars of the number of houses infested and disinfested during 1946 :—

<i>No. houses infested.</i>	<i>Local Authority.</i>	<i>Other.</i>
5	2	3
<i>No. houses disinfested.</i>	<i>Local Authority.</i>	<i>Other.</i>
5	2	3

SECTION E.—INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

Systematic inspections of farms, dairies and of cattle were carried out during the year, and various notices served as set out below in order to secure the remedy of various kinds of defects thus discovered :

Work under the Milk and Dairies Order, 1926.

	Number
Visits to Cowsheds	537
To provide light and ventilation	3
„ re-pave yards	8
„ provide proper drainage	5
„ limewash premises	67
„ re-construct cowsheds	1
„ remove accumulations of manure	11
„ repair or re-construct cowshed floor	12
„ provide proper dairy	11
„ provide or improve water supply	4
„ render internal walls	8
„ renew mangers	6
„ provide stall divisions	9

The duty of taking samples of milk for the purposes of determining the bacterial purity and the presence of tubercle bacilli is performed by the County Council.

There are 416 cowkeepers and purveyors of milk on the Register ; these are classified as follows :—

Cowkeepers and Milk Purveyors	389
Milk Purveyors only	27

Licences under the Milk (Special Designations) Order, 1936, were issued as follows :—

Licences to sell “Pasteurised Milk”	16
„ „ „ Tuberculin Tested Milk	3
„ „ produce and sell “Pasteurised Milk”	2

Accredited Milk Producers.

At the end of the year there were in your area 54 accredited milk producers and 5 producers of Tuberculin Tested milk.

During the year no accredited licences were revoked for failure to maintain the required standard.

Slaughterhouses.

The number of slaughterhouses licensed in your district is now 3. 944 visits were paid to these and meat allocation centres and butchers' shops during the year by your Inspectors.

There are no knackers yards or public slaughterhouses in the District.

Slaughter of Animals Act, 1933.

Seven persons were licensed as slaughterers under the provisions of the Act.

Meat and Food Inspection.

During the year, the following foods were surrendered as being unfit for human consumption : —

							lbs.
Mesenteric Fats and Offals	...	...	Tuberculosis	...	...	...	112
6 Pigs' Heads	...	...	"	...	...	...	103
3 Pigs' Lungs and Liver	...	...	"	...	...	...	34
Pig's Pluck	...	...	"	...	...	...	25
1 Pig's Liver	...	...	Decomposed	...	...	...	4
Beef	...	...	"	...	...	...	139
Sheep's Head, Lungs and Liver	...	...	"	...	...	...	81
Bacon	...	...	"	...	...	...	60
Ox Tongue	...	...	"	...	...	...	6
Meat Roll	...	...	"	...	...	...	27
Tomatoes	...	...	"	...	...	...	170
Rolled Oats	...	...	Unwholesome	...	...	...	8
Wheat Flakes	...	...	"	...	...	...	14
Biscuits	...	...	"	...	...	...	3
Sweets	...	...	"	...	...	...	50½
Figs	...	...	"	...	...	...	6
Quaker Oats	...	...	"	...	...	...	6½
Potatoes	...	...	"	...	...	...	7
Flour	...	...	"	...	...	...	14
Dried Peas	...	...	Maggots	...	...	...	560
Margarine	...	...	Rancid	...	...	...	27
Cheese	...	...	"	...	...	...	67
Butter	...	...	"	...	...	...	14
Lard	...	...	"	...	...	...	2
Apricots	...	...	24 tins	...	Blown	...	...
Baked Beans	...	...	2 "	...	"	...	...
Condensed Milk	...	...	93 "	...	"	...	...
Evaporated Milk	...	...	3 "	...	"	...	...
Malted Milk	...	...	1 "	...	Decomposed	...	...
Egg Substitute	...	...	4 "	...	"	...	...
Malted Oatmeal	...	...	1 "	...	"	...	...
Minced Beef Loaf	...	...	1 "	...	Blown	...	...
Salmon (Grade 3)	...	...	6 "	...	"	...	...
Stewed Steak	...	...	1 "	...	"	...	...
Pichards	...	...	2 "	...	"	...	...
Soup	...	...	4 pkts.	...	Unwholesome	...	111
Gravy Salt	...	...	18 "	...	"	...	1
							<hr/> 1,656 <hr/>

Other Foods.

All premises where food is stored or prepared for sale are regularly visited by members of your Staff. They are being conducted in a proper manner, and no infringements of Regulations were discovered.

There are no underground bakehouses in the District.

SECTION F.—PREVALENCE OF AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

General.

The total number of cases of Infectious Disease notified during the year was 330, as compared with 1,019, 509, 865, 570 and 946 in the five years immediately preceding.

These cases are classified parochially in Table 6 and according to age groups in Table 5.

The total number of each disease notified was as follows :—

Scarlet Fever	...	...	...	...	76
Diphtheria	...	...	...	...	8
Pneumonia	...	...	...	...	16
Erysipelas	...	...	...	...	12
Puerperal Pyrexia	...	...	...	...	2
Ophthalmia Neonatorum	...	...	...	...	2
Acute Polio-Myelitis	...	...	...	...	1
Whooping Cough	...	...	...	...	58
Measles	...	...	...	...	117
Tuberculosis	...	...	...	...	37
Cerebro-spinal Meningitis	...	...	...	...	1
					<hr/>
					330
					<hr/>

One hundred and six infected premises were disinfected and disinfectants were supplied to infected households. In co-operation with the School Medical Service of the Nottinghamshire County Council, the contacts of school age were rigidly excluded.

Scarlet Fever.

Seventy-six cases were notified during the year, as compared with 162, 215, 90, 55 and 90 in the five years immediately preceding.

The number of cases occurring in each parish and the number removed to hospital is as follows :—

			<i>Cases.</i>		<i>Removals.</i>
Annesley	...	...	2	...	2
Bestwood Park	...	...	1	...	—
Brinsley	...	...	2	...	2
Burton Joyce	...	...	4	...	—
Cossall	...	...	8	...	2
East Leake	...	...	3	...	3
Gotham	...	...	1	...	1
Greasley	...	...	4	...	5
Kimberley	...	...	12	...	15
Nuthall	...	...	3	...	3
Ruddington	...	...	17	...	17
Selston	...	...	13	...	9
Sutton Bonington	...	...	5	...	5
Trowell	...	...	1	...	—
			<hr/>		<hr/>
			76		64
			<hr/>		<hr/>

The disease was mild in type and no deaths resulted.

Diphtheria.

Eight cases of this disease were confirmed during the year as compared with 13, 8, 29, 19 and 50 in the preceding five years.

There were 21 admissions of suspected cases of this disease into the Sanatorium from your district during the year as follows :—

			<i>Cases.</i>		<i>Removals.</i>
Annesley	...	...	—	...	1
Bradmore	...	...	—	...	1
Brinsley	...	...	1	...	2
Bunny ...	...	...	—	...	1
Burton Joyce	...	...	—	...	2
East Leake	...	...	1	...	2
Greasley	...	...	3	...	5
Kimberley	...	...	1	...	2
Newstead	...	...	—	...	1
Ruddington	...	...	2	...	4
			<hr/> 8		<hr/> 21
			<hr/> <hr/>		<hr/> <hr/>

Of the 8 cases one was a child under school age, and no cases in age group 5 to 15 years ; the remainder (7) were in the higher age groups which appears to bear out a former observation that the incidence has tended to move away from the former susceptible but now protected aged groups.

No deaths from Diphtheria occurred during the year.

Antitoxin is supplied free to all medical practitioners in your Area for home treatment of cases actually occurring within your district. The County Council scheme for the examination of throat swabs from cases of suspected diphtheria was freely used, 282 specimens being received during the year.

Diphtheria Prophylaxis.

			<i>Under 5 years.</i>	<i>Ages 5—15</i>
Number of children who completed the full course of Immunisation in the Authority's area during 1946	...	...	644	134
Estimated Population	...	...	4,100	6,530
Estimated percentage who had received full course on 31st December, 1946	...	...	49.05%	76.83%
Number of children who were notified as suffering from Diphtheria during the year (aged under 15)	...	...	...	1

This case had not been immunised.

Pneumonia.

Sixteen cases of Pneumonia were notified during the year, as compared with 18, 32, 47, 48 and 41 in the preceding five years.

Thirteen deaths were due to this cause ; the corresponding figures for the preceding years being 13, 13, 25, 17 and 32.

Cerebro-Spinal-Meningitis.

One case was notified during the year.

Acute Polio-Myelitis.

One case of this disease was notified during the year.

Puerperal Pyrexia.

During the year two cases of this disease were notified.

Ophthalmia Neonatorum.

Two cases of Ophthalmia Neonatorum were notified during the year.

Scabies.

All cases notified to the Health Department are visited and examined by your Medical Officer of Health, and given advice on disinfection and treatment with benzyl benzoate. Contacts are ascertained, followed up and brought under treatment. No difficulty was experienced in obtaining the co-operation of parents and patients. Arrangements have been made, if necessary, to carry out treatment at the Sanatorium.

NOTIFICATIONS.			CONTACTS.		
Notts. County Council.	Other Sources.	Total.	No. Examined.	Cases detected among contacts.	Households Infected.
33	1	34	74	22	22

One case notified as Scabies was found to be suffering from urticaria.

Tuberculosis.

Thirty-seven cases of all forms of this disease were notified during the year, as compared with 30, 26, 35, 39 and 57 during the previous five years.

The following table shows the age and sex distribution of the notified cases and deaths from tuberculosis during the year.

TUBERCULOSIS. 1946.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—	1	—	—	—	—	—	—	—
1—	1	2	2	—	—	—	—	—
5—	1	—	3	1	—	—	—	—
15—	2	7	—	2	—	2	—	—
25—	2	1	—	1	1	—	—	1
35—	2	2	1	—	2	2	1	1
45—	1	—	—	1	1	—	—	1
55—	1	1	—	1	1	1	—	1
65 and upwards	1	—	—	—	1	—	—	—
TOTALS	12	13	6	6	6	5	1	4

Of the above 16 deaths 11 had been previously notified.

PULMONARY.

No. of cases afforded	Number of cases receiving treatment at beginning of year.	Number of cases admitted during the year.	Number of cases receiving treatment at end of year.
Institutional treatment :			
Ransom Sanatorium ...	5	14	5
Basford County Institution	—	3	—

NON-PULMONARY.

	Number of cases receiving treatment at beginning of year.	Number of cases admitted during the year.	Number of cases receiving treatment at end of year.
Ransom Sanatorium ...	2	1	—
Harlow Wood Orthopædic Hospital ...	—	1	—
Children's Hospital, Gringley-on-the-Hill ...	—	1	1

No occasion arose during the year to take advantage of the powers afforded by the Public Health (Prevention of Tuberculosis) Regulations relating to persons suffering from pulmonary tuberculosis employed in the milk trade, nor under Section 172 of the Public Health Act, 1936, which provides for the compulsory removal to hospital of persons suffering from tuberculosis.

Prevention of Blindness.

No action was taken during the year under the Public Health Act, 1925, Section 66, or the Public Health Act, 1936, Section 176.

In the following pages will be found statistical tables relating to births, deaths, incidence and distribution of infectious disease, and other matter of general interest.

I have the honour to be, Ladies and Gentlemen,

Your obedient servant,

J. S. DRUMMOND,

Medical Officer of Health

TABLE 1.

STATISTICAL TABLES.

Causes of Death, 1946.

				Male.		Female.
	All Causes	...	...	268	...	221
1.	Typhoid and paratyphoid	...	...	—	...	—
2.	Cerebro-spinal Fever	...	...	—	...	—
3.	Scarlet Fever	...	...	—	...	—
4.	Whooping Cough	...	...	1	...	—
5.	Diphtheria	...	...	—	...	—
6.	Tuberculosis of respiratory system	...	...	8	...	6
7.	Other forms of Tuberculosis	...	...	1	...	4
8.	Syphilitic diseases	...	...	2	...	1
9.	Influenza	...	...	10	...	4
10.	Measles	...	...	—	...	—
11.	Acute Polio-myelitis and Polio- encephalitis	...	...	—	...	—
12.	Acute Infantile Encephalitis	...	...	—	...	—
13.	Cancer of buccal cavity, œsophagus (M) and uterus (F)	...	...	4	...	4
14.	Cancer of stomach and duodenum	...	...	8	...	5
15.	Cancer of breast	...	...	—	...	9
16.	Cancer of all other sites	...	...	27	...	21
17.	Diabetes	...	...	—	...	4
18.	Intra-cranial vascular lesions	...	...	22	...	36
19.	Heart disease	...	...	61	...	52
20.	Other diseases of circulatory system	...	...	10	...	4
21.	Bronchitis	...	...	17	...	8
22.	Pneumonia	...	...	15	...	6
23.	Other respiratory diseases	...	...	6	...	6
24.	Ulcer of stomach or duodenum	...	...	3	...	1
25.	Diarrhœa under 2 years	...	...	—	...	—
26.	Appendicitis	...	...	—	...	—
27.	Other digestive diseases	...	...	1	...	4
28.	Nephritis	...	...	4	...	2
29.	Puerperal and post-abortive sepsis	...	...	—	...	—
30.	Other maternal causes	...	...	—	...	2
31.	Premature birth	...	...	6	...	2
32.	Congenital malformations, birth injuries, and Infantile diseases	...	...	7	...	7
33.	Suicide	...	...	2	...	1
34.	Road traffic accidents	...	...	4	...	1
35.	Other violent causes	...	...	10	...	3
36.	All other causes.	...	...	39	...	28

TABLE 2. Ages at which Death occurred.

1946 AGE GROUPS	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS
Under 1 year ...	7	2	1	4	4	3	2	—	2	3	3	2	33
1 and under 2	—	—	—	—	—	—	—	—	—	—	—	—	—
2 and under 5	—	—	—	—	1	—	—	—	—	—	2	1	4
5 and under 15	—	—	—	—	—	1	—	—	—	—	—	—	1
15 and under 25	1	—	—	—	—	—	1	—	2	1	2	4	11
25 and under 45	2	2	—	3	4	1	3	2	7	—	3	4	31
45 and under 65	20	13	11	10	9	6	6	12	5	12	19	7	130
65 and under 75	15	11	8	10	7	13	5	12	8	7	8	8	112
75 and under 80	5	10	6	11	4	3	3	2	6	4	8	6	68
80 and under 90	11	5	12	9	7	9	2	1	8	6	8	10	88
90 and under 100	2	1	1	1	—	2	—	—	1	1	—	2	11
Over 100 ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Age unknown ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	63	44	39	48	36	38	22	29	39	34	53	44	489

TABLE 3. Deaths 1946—Parochially Distributed.

	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS
Annesley ...	—	3	2	1	—	1	—	—	2	1	3	2	15
Awsorth ...	—	1	2	2	2	2	—	—	1	4	3	1	18
Barton ...	1	—	—	1	—	—	—	—	—	—	—	—	2
Bestwood Park ...	2	—	1	—	—	1	1	—	1	1	1	1	9
Bradmore ...	—	—	—	—	1	1	—	1	—	1	—	—	4
Brinsley ...	5	2	1	1	2	2	2	1	—	1	—	1	18
Bunny ...	—	1	1	1	—	—	1	—	—	—	1	—	5
Burton Joyce ...	—	1	2	—	2	—	2	3	1	2	4	3	20
Calverton ...	3	3	—	2	2	2	—	2	3	2	1	2	22
Clifton ...	—	—	2	—	—	—	—	—	—	1	—	—	3
Cossall ...	4	1	1	2	1	1	—	1	—	—	4	—	15
Costock ...	—	1	—	—	—	—	—	—	1	—	1	1	4
East Leake ...	2	1	2	1	1	1	—	—	1	1	2	3	15
Felley ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Gotham ...	2	3	1	1	—	1	1	1	2	—	—	—	12
Greasley ...	7	4	5	4	3	1	2	1	2	2	5	3	39
Kimberley ...	6	2	6	7	2	3	4	1	6	3	4	5	49
Kingston-upon-Soar ...	—	—	—	—	—	1	—	—	—	—	—	—	1
Lambley ...	1	2	1	—	1	—	—	1	1	—	2	1	10
Linby ...	—	1	1	1	—	—	1	—	—	—	—	1	5
Newstead ...	3	1	—	—	3	3	—	1	3	2	1	1	18
Normanton-upon-Soar ...	—	—	—	—	1	—	—	—	1	—	—	—	2
Nuthall ...	—	1	1	5	—	—	3	4	—	1	2	4	21
Papplewick ...	1	—	—	—	—	1	—	1	—	—	—	1	4
Ratcliffe-upon-Soar ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Rempstone ...	—	1	—	—	—	—	—	—	1	—	1	—	3
Ruddington ...	5	4	1	5	4	7	2	3	1	3	5	3	43
Selston ...	16	7	6	8	10	4	1	7	11	5	8	8	91
Stanford-upon-Soar ...	—	1	—	—	—	—	—	—	—	—	—	—	1
Stoke Bardolph ...	—	—	—	—	—	1	—	—	—	—	1	—	2
Strelley ...	—	—	—	—	1	—	—	—	—	—	—	—	1
Sutton Bonington ...	4	2	1	2	—	—	1	1	—	—	3	1	15
Thorpe-in-the-Glebe ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Thrumpton ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Trowell ...	1	—	—	2	—	2	—	—	—	1	—	—	6
West Leake ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Willoughby-on-the-Wolds ...	—	1	—	1	—	1	—	—	—	2	—	1	6
Woodborough ...	—	—	1	1	—	1	1	—	—	1	1	1	7
Wysall ...	—	—	1	—	—	1	—	—	1	—	—	—	3
	63	44	39	48	36	38	22	29	39	34	53	44	489

TABLE 4.

Causes of Death During the Last Ten Years.

	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
1. Typhoid and Paratyphoid ...	—	—	—	—	1	—	1	—	—	—
2. Cerebro-spinal Fever ...	1	1	1	2	1	—	1	—	—	—
3. Scarlet Fever ...	1	—	1	—	—	—	1	1	—	—
4. Whooping Cough ...	1	1	1	1	—	—	—	1	—	1
5. Diphtheria ...	2	6	8	2	3	1	—	1	1	—
6. Tuberculosis of the Respiratory System ...	15	19	20	21	29	17	22	20	8	14
7. Other forms of Tuberculosis .	2	6	1	7	4	3	4	2	4	5
8. Syphilitic Diseases ...	1	3	2	1	2	1	3	—	2	3
9. Influenza ...	20	3	11	15	8	6	15	8	4	14
10. Measles ...	1	—	—	1	—	1	1	—	—	—
11. Acute Polio-myelitis and Polio-encephalitis	—	1	1	—	2	3	1	—	—	—
12. Acute Infantile Encephalitis	—	—	—	—	—	—	—	—	—	—
13. Cancer of buccal cavity, oesophagus (M) & uterus (F)	—	—	—	—	—	—	—	—	—	8
14. Cancer of stomach and duodenum ...	63	66	68	56	68	66	47	64	76	13
15. Cancer of breast ...	—	—	—	—	—	—	—	—	—	9
16. Cancer of all other sites	—	—	—	—	—	—	—	—	—	48
17. Diabetes ...	6	7	9	8	9	2	3	6	5	4
18. Intra-cranial vascular lesions	21	29	37	52	56	54	61	63	68	58
19. Heart disease ...	88	114	104	119	113	105	117	149	139	113
20. Other diseases of circulatory system ...	22	20	22	5	7	8	9	14	9	14
21. Bronchitis ...	19	16	29	50	31	24	31	23	25	25
22. Pneumonia ...	23	23	22	27	32	17	25	13	13	21
23. Other respiratory diseases ...	7	3	14	13	11	6	5	7	10	12
24. Ulcer of stomach & duodenum	6	4	6	6	5	8	2	4	3	4
25. Diarrhoea under 2 years ...	4	3	2	1	2	3	2	—	4	—
26. Appendicitis ...	2	3	—	—	2	1	4	2	2	—
27. Other digestive diseases ...	6	9	15	12	16	8	10	10	10	5
28. Nephritis ...	13	5	13	10	6	13	12	10	3	6
29. Puerperal and post-abortive sepsis ...	—	—	—	1	—	—	2	1	2	—
30. Other maternal causes ...	—	—	1	1	—	—	1	—	1	2
31. Premature birth ...	—	—	—	—	—	—	—	—	—	8
32. Congenital malformations, birth injuries & Infantile diseases ...	20	9	27	26	25	28	24	30	16	14
33. Suicide ...	10	7	4	5	2	3	4	1	6	3
34. Road traffic accidents	12	24	32	34	28	23	30	23	18	5
35. Other violent causes	—	—	—	—	—	—	—	—	—	13
36. All other causes ...	81	82	74	72	78	78	62	59	62	67
	447	464	525	548	541	479	500	512	491	489

TABLE 5. Infectious Diseases Notified, 1946.

DISEASE.	Under 1 Year.	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	11 to 15	16 to 20	21 to 35	36 to 45	46 to 65	66 and over.	TOTALS
Scarlet Fever ...	1	2	4	7	8	34	13	2	5	—	—	—	76
Diphtheria ...	—	—	—	1	—	—	—	3	4	—	—	—	8
Pneumonia ...	—	2	—	—	—	—	3	1	1	3	4	2	16
Erysipelas ...	—	—	—	—	—	—	—	—	4	1	6	1	12
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	2	—	—	—	2
Ophthalmia Neonatorum	2	—	—	—	—	—	—	—	—	—	—	—	2
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—	1	—	—	—	—	1
Dysentery ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Polio-Myelitis ...	—	—	1	—	—	—	—	—	—	—	—	—	1
Whooping Cough ...	3	10	4	14	8	18	—	—	1	—	—	—	58
Measles ...	5	11	11	15	14	55	1	1	3	1	—	—	117
Tuberculosis:—													
(a) Pulmonary { M. F.	1	—	1	—	—	—	1	2	2	1	3	—	11
(b) Non-Pulmonary { M. F.	—	2	—	—	—	1	—	1	7	2	2	—	15
	—	—	—	1	1	2	1	—	—	2	—	—	7
	—	—	—	—	—	1	—	2	—	—	1	—	4
TOTALS ...	12	27	21	38	31	111	19	13	29	10	16	3	330

TABLE 6.

Infectious Diseases notified during 1946.

PARISH	CASES NOTIFIED												REMOVED TO HOSPITAL					
	Scarlet Fever.	Diphtheria.	Pneumonia.	Erysipelas.	Puerperal Pyrexia.	Ophthalmia Neonatorum.	Acute Polio-Myelitis.	Whooping Cough.	Measles.	Cerebro-Spinal Meningitis.	Tuberculosis.	Scarlet Fever.	Diphtheria.	Cerebro-Spinal Meningitis.	Dysentery.	Measles.	Whooping Cough.	Acute Polio-Myelitis.
Annesley ...	2	-	-	-	-	-	-	-	-	-	2	2	1	-	-	-	-	-
Awsorth ...	-	-	-	1	-	-	-	1	5	-	-	-	-	-	1	-	-	-
Barton ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bestwood Park ...	1	-	1	-	-	-	-	2	4	-	1	-	-	-	-	-	-	-
Bradmore ...	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Brinsley ...	2	1	-	-	-	-	-	-	7	-	2	2	2	-	-	-	-	-
Bunny ...	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-
Burton Joyce ...	4	-	1	1	-	-	-	6	2	-	3	-	2	-	-	-	-	-
Calverton ...	-	-	1	-	-	-	-	-	-	1	2	-	-	1	-	-	-	-
Clifton ...	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Cossall ...	8	-	3	1	-	-	-	1	-	-	-	2	-	-	-	-	-	-
Costock ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Leake ...	3	1	-	-	-	-	-	-	-	-	1	3	2	-	-	-	-	-
Felley ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gotham ...	1	-	-	-	-	-	-	7	2	-	-	1	-	-	-	-	-	-
Greasley ...	4	3	2	-	-	-	-	1	25	-	5	5	5	-	1	-	-	-
Kimberley ...	12	1	-	3	-	1	-	1	19	-	-	15	2	-	1	-	1	-
Kingston-upon-Soar	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Lambley ...	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Lynby ...	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Newstead ...	-	-	3	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-
Normanton-on-Soar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuthall ...	3	-	-	-	-	-	-	3	-	-	4	3	-	-	-	-	-	-
Papplewick ...	-	-	2	-	-	-	-	2	8	-	-	-	-	-	-	-	-	-
Ratcliffe-upon-Soar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rempstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruddington ...	17	2	-	2	-	-	1	-	18	-	4	17	4	1	-	-	-	1
Selston ...	13	-	1	4	2	1	-	22	18	-	6	9	-	-	-	-	-	-
Stanford-upon-Soar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stoke Bardolph ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strelley ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sutton Bonington...	5	-	-	-	-	-	-	7	3	-	1	5	-	-	-	-	-	-
Thorpe-in-the-Glebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thrumpton ...	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Trowell ...	1	-	-	-	-	-	-	-	3	-	2	-	-	-	-	-	-	-
West Leake ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Willoughby-on-the-Wolds ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Woodborough ...	-	-	1	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-
Wysall ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	76	8	16	12	2	2	1	58	117	1	37	64 65	21	2	3	1	1	1

TABLE 7

Prevalence of Infectious Disease during the
last ten years.

		1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
Small Pox	...	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	...	102	156	189	79	90	55	90	215	162	76
Diphtheria	...	36	101	130	28	50	19	29	8	13	8
Enteric Fever	...	2	—	1	3	7	1	1	—	—	—
Erysipelas	...	18	22	18	16	11	8	12	11	15	12
Dysentery	...	—	<u>1</u>	<u>1</u>	—	—	—	—	2	3	—
Puerperal Pyrexia		5	5	7	2	7	3	4	6	1	2
Ophthalmia Neonatorum	...	8	1	2	1	1	4	1	5	—	2
Pneumonia	...	47	49	43	41	41	48	47	32	18	16
Tuberculosis	...	43	44	36	33	57	39	35	26	30	37
Cerebro-spinal meningitis	...	—	2	2	8	6	3	3	2	—	1
Encephalitis Lethargica	...	—	—	—	—	—	—	—	—	—	—
Polio-Encephalitis		—	—	—	—	—	1	—	—	—	—
Polio-Myelitis	...	—	3	3	—	—	—	—	2	2	1
Measles	...	—	—	—	1158	463	347	557	90	669	117
Whooping Cough		—	—	10	93	213	42	86	110	106	58
TOTALS	...	<u>261</u>	<u>384</u>	<u>441</u>	<u>1462</u>	<u>946</u>	<u>570</u>	<u>865</u>	<u>509</u>	<u>1019</u>	<u>330</u>

TABLE 8 **SANATORIUM MONTHLY ADMISSIONS. 1946.**

PARISH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	S.F. D. Men. C.S.	S.F. D.	S.F. D.	S.F. D. Dys.	S.F. D. Dys. Wh. C.	S.F. D.	S.F. D.	S.F. D. Men. C.S. Inf. Par.	S.F. D. F. Ent.	S.F. D. M.	S.F. D.	S.F. D. M.
ANNESLEY	...	...	...	...	...	...	1	1	-	-	-	-
AWSWORTH	...	...	...	...	...	...	...	...	-	-	-	-
BRADMORE	...	...	...	...	...	...	...	...	-	-	-	-
BRINSLEY	...	...	1	...	...	...	...	...	-	-	-	1
BUNNY ...	...	...	...	...	...	...	...	...	-	-	-	-
BURTON JOYCE	...	...	...	...	...	...	...	...	-	-	-	-
CALVERTON	...	...	...	...	...	...	...	...	-	-	-	-
COSSALL	2	...	...	...	...	...	...	...	-	-	-	-
EAST LEAKE	...	...	...	...	...	...	...	...	-	-	-	-
GOTHAM	...	...	...	...	...	...	...	...	-	-	-	-
GREASLEY	2	1	2	...	...	...	...	...	-	-	-	2
KIMBERLEY	4	2	...	...	...	...	...	...	-	-	-	-
NEWSTEAD	...	...	...	...	...	...	...	...	-	-	-	-
NUTHALL	...	...	...	...	...	...	...	...	-	-	-	-
RUDDINGTON	...	...	...	...	...	...	...	...	-	-	-	-
SELSTON	7	2	...	...	...	...	...	...	-	-	-	-
SUTTON	...	...	...	...	...	...	...	...	-	-	-	-
SUTTON BONINGTON	...	...	...	...	...	...	...	...	-	-	-	-
TROWELL	...	...	...	...	...	...	...	...	-	-	-	-
TOTALS FOR BASFORD	15	6	4	4	1	8	6	5	1	4	2	1
OUTSIDE DISTRICTS:												
BASFORD INSTITUTION	...	...	...	...	...	...	...	...	-	-	-	-
BEESTON AND STAPLEFORD	...	...	...	...	...	...	...	...	-	-	-	-
BINGHAM	...	...	...	...	...	...	...	...	-	-	-	-
CARLTON	...	...	...	...	...	...	...	...	-	-	-	-
EAST KIRKBY	...	...	...	...	...	...	...	...	-	-	-	-
EASTWOOD	...	...	...	...	...	...	...	...	-	-	-	-
HUCKNALL	...	...	...	...	...	...	...	...	-	-	-	-
SUTTON	...	...	...	...	...	...	...	...	-	-	-	-
WEST BRIDGFORD	...	...	...	...	...	...	...	...	-	-	-	-
TOTALS FOR OUTSIDE DISTRICTS	1	5	7	1	4	3	-	1	-	-	1	-
TOTALS FOR ALL DISTRICTS	16	11	11	2	12	9	6	6	1	4	3	1

TABLE 9.

FACTORIES ACT, 1937.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES, INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS, 1946.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Prosecutions (4)
Factories (Including Factory Laundries)	54	—	—
Workshops (Including Workshop Laundries)	108	1	—
Workplaces (Other than Outworkers' premises included in Part 3 of this Report)	—	—	—
TOTAL ...	162	1	—

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars (1)	Number of Defects.			Number of Prosecu- tions (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Nuisances under the Public Health Acts :—				
Want of Cleanliness	—	—	—	
Want of Ventilation	—	—	—	
Overcrowding	—	—	—	
Want of drainage on floors	—	—	—	
Other nuisances	—	—	—	
Sanitary } insufficient	—	—	—	
Accom- } unsuitable or defective	2	2	—	
modation } not separate for sexes	—	—	—	
TOTAL	2	2	—	

TABLE 9 (Continued).

3. HOME WORK.

NATURE OF WORK (1)	OUTWORKERS' LISTS, SECTION 110(2)					
	Lists received from Employers.					
	Sending twice in the year			Sending once in the year		
	Lists	Outworkers		Lists	Outworkers	
	(2)	Con- trac- tors (3)	Work- men (4)	(5)	Con- trac- tors (6)	Work- men (7)
Wearing apparel :—						
(1) making, etc. ...	2	—	19	10	—	18
(2) cleaning and washing ...	—	—	—	—	—	—
Household linen ...	—	—	—	—	—	—
Lace, lace curtains and nets ...	—	—	—	2	—	2
Glove Making ...	—	—	—	—	—	—
Paper Bag Making ...	—	—	—	—	—	—
TOTAL ...	2	—	19	12	—	20

4.—REGISTERED WORKERS.

Workshops on the Register at the end of the year. (1)	Number (2)
Bakehouses ...	20
Blacksmiths ...	14
Bootmakers ...	15
Dressmakers ...	6
Wheelwrights ...	5
Joiners ...	16
Plumbers ...	4
Motor Repairs ...	18
Hosiery ...	6
Saddlery ...	2
Millinery ...	2
Sheet Metal Workers ...	1
Brickmakers ...	1
Tripe Dressing ...	1
TOTAL ...	111

5.—OTHER MATTERS.

Class (1)	Number (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factories Act ...	Nil
Action taken in matters referred by } Notified by H.M. Inspector ...	Nil
H.M. Inspector as remediable under } Reports (of action taken)	
the Public Health Act, but not under } sent to H.M. Inspector ...	Nil
the Factories Act	
Other ...	Nil
Underground Bakehouses ...	Nil
Certificates granted during the year ...	Nil
In use at the end of the year ...	Nil
Means of escape in case of Fire } Certificates issued ...	Nil

OUTWORK IN UNWHOLESOME PREMISES, SECTION 111.

Nature of Work.	Instances.	Notices served.	Prosecutions.
Nil	Nil	Nil	Nil

